

REMARKS

This is intended as a full and complete response to the Office Action dated June 24, 2009, having a shortened statutory period for response set to expire on September 24, 2009. Claims 1 and 49 have been amended to more clearly recite certain aspects of the invention. Applicants believe no new matter has been introduced by the amendments presented herein. The amendments have been made in a good faith effort to advance prosecution on the merits. Claim 82 has been cancelled without prejudice. The limitations of claim 82 have been incorporated into claims 1 and 49. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-9, 11, 13-18, 21, 25-29, 31, 34, 49, 51, 54, 55, 58-60, 63, 71-73, 75-78 and 83 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,574,723 ("Chiles"). Claims 1 and 49 have been amended to now include "wherein the first upper segment, the first lower segment and the deflector body form a geometry and the geometry is manipulated when the ratio is adjusted." This limitation is supported throughout the specification, including Figures 7A-7B and paragraph [0047] and was previously recited in claim 82, which the Examiner has deemed allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims. Applicants respectfully submit therefore that claims 1 and 49 are now in condition for allowance. Claims 2-9, 11-29, 31-34, 51, 54-56, 58-63, 66 and 71-81 and 83-84 are also in condition for allowance since they depend from claims 1 and 49. Withdrawal of the rejection is respectfully requested.

Claims 12 and 24 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Chiles in view of US Patent No. 6,598,554 ("Lasky"). As mentioned above, claim 1 has been amended to include the limitations from claim 82, which the Examiner has deemed allowable. Since claim 1 is in condition for allowance, claims 12 and 24 are also in condition for allowance since they depend from claim 1. Withdrawal of the rejection is respectfully requested.

Claims 19-20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Chiles in view of US Patent No. 6,028,817 ("Ambs"). As mentioned above, claim 1 has been amended to include the limitations from claim 82, which the Examiner has deemed allowable. Since claim 1 is in condition for allowance, claims 19-20 are also in

condition for allowance since they depend from claim 1. Withdrawal of the rejection is respectfully requested.

Claims 22-23, 32-33 and 56 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Chiles in view of US Patent No. 5,357,892 ("Vatne"). As mentioned above, claims 1 and 49 have been amended to include the limitations from claim 82, which the Examiner has deemed allowable. Since claims 1 and 49 are in condition for allowance, claims 22-23, 32-33 and 56 are also in condition for allowance since they depend from claims 1 and 49, respectively. Withdrawal of the rejection is respectfully requested. Withdrawal of the rejection is respectfully requested.

Claims 1-9, 11-29, 31-34 and 71-84 stand rejected under 35 U.S.C. §112, second paragraph for being indefinite. Claim 1 has been amended to clarify the claim. As such, claim 1 and all claims depending therefrom (claims 2-9, 11-29, 31-34 and 71-84) are no longer indefinite. Withdrawal of the rejection is respectfully requested.

Claims 61, 62, 66, 74, 79-82 and 84 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants thank the Examiner for considering these claims as containing allowable subject matter. Claim 1 has been amended to now include the limitations from claim 82, which has now been cancelled without prejudice. Therefore, claim 1 and all claims depending therefrom are in condition for allowance.

Since the rejection to claim 49 is believed to have been overcome, Applicants believe that claims 61, 62 and 66 are in condition for allowance and have elected to not rewrite these claims in independent form at this time.

In conclusion, the references cited by the Examiner, neither alone nor in combination, teach, show, or suggest the claimed invention. Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,

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